



RF



ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXXV NO. 3

P.O. BOX 3454, TUSTIN, CA 92682

MARCH, 1994

The Prez Sez By Chris KJ6ZH

Hello again and hope everything is OK at your QTH. Well the last week the bands have been the pits so it's been a good time to catch up on my QSL chores. It is really amazing how many stations around the world want to work DX and then don't respond to your QSL. And this is even with my including an SASE and a green stamp / IRLP. I say a good dose of the dreaded Wouff Hong is in order, especially for a certain "DX"er on Reunion Island!

Should be a good meeting this month. The program is on how to get on CW (you know, the dits and da's most of us had to learn to get licensed).

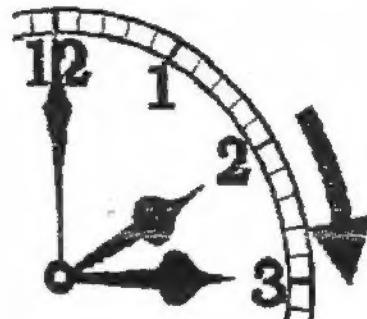
Jane, our Activities Chairman is baking up some good refreshments and I took a peek in her bag of raffle prizes and I think I'll buy an extra buck or two of tickets.

We need you to be at the meeting so we can vote on our revised By-Laws. Larry has done a super job cleaning them up.

Also don't forget to drop a note / QSL card to your congressional representative asking him / her to co-sponsor H. R. 2623 THE AMATEUR RADIO VOLUNTEER SERVICE ACT OF 1993 and also H. J. RES. 199. Also ask our Senators to support S. J. RES 90.

See you on Friday and 73!
Chris - KJ6ZH
President

— RF —



DON'T FORGET TO "SPRING AHEAD" ON SUNDAY, APRIL 3RD, ONE HOUR. OR YOU'LL CATCH THE EASTER BUNNY AND HE WON'T LEAVE YOU YOUR EASTER BASKET!!!!

— RF —

Minutes of General Meeting -
February 18, 1994

Meeting called to order 7:30 p.m.

Carmine, AB6KE and Chris, KJ6ZH, were guest speakers on working OSCAR.

Business meeting called to order at 9:15 p.m.

By-Laws have been published and passed out at meeting. Chris, KJ6ZH proposes motion to accept By-Laws as published.

Cont. on page 3

A LITTLE "MIXED UP"

SUBMITTED BY TOM, WA6PFA

JUST A LINE TO SAY I'M LIVING
THAT I'M NOT AMONG THE DEAD,
THO' I'M GETTING MORE FORGETFUL
AND MORE MIXED UP IN THE HEAD.

FOR SOMETIMES I CAN'T REMEMBER,
WHEN I STAND AT THE FOOT OF THE STAIR
IF I MUST GO UP FOR SOMETHING
OR - IF I'VE JUST COME DOWN FROM THERE.

AND BEFORE THE FRIG' - SO OFTEN
MY POOR MIND IS FILLED WITH DOUBT,
HAVE I JUST PUT THE FOOD AWAY, OR
HAVE I COME TO TAKE SOME OUT?

AND THEN THERE'S TIMES WHEN IT IS DARK OUT,
WITH MY NIGHT CAP ON MY HEAD
I DON'T KNOW IF I'M RETIRING -
OR - JUST GETTING OUT OF BED.

SO, IF IT'S MY TURN TO WRITE TO YOU
THERE'S NO NEED IN GETTING SORE,
I MAY THINK THAT I HAVE ALREADY WRITTEN
AND DON'T WANT TO BE A BORE.

SO - REMEMBER THAT I LOVE YOU,
AND - I WISH THAT YOU WERE HERE.
AND - NOW IT'S NEARLY MAIL-TIME
So - I MUST SAY, "GOOD - BYE, M'DEAR".

THERE I STOOD BESIDE THE MAIL - BOX
WITH A FACE SO VERY RED.
INSTEAD OF MAILING YOU MY LETTER,
I HAD OPENED IT - INSTEAD!

What is Communications during a Disaster?

BY CINDY, KC6OPI

After having been on assignment for just about 2 months now in Los Angeles, there have been many things that I have learned. One of the most interesting and fun things is that everyone has their own definition of what communications is. For the communication volunteer, it means having a radio (ham, commercial or otherwise), or any other means of getting a message out that works; for the shelter manager, it may mean having a telephone (cellular or landline) and a fax machine; the Service Center it means anything that rings and they can talk on longer than 15 minutes to 1 hour and will be there tomorrow; to Public Affairs, it is news releases; to Administration, it usually means having fax machines, landline phones, cellular phones and pagers for those that really have a need to be kept in touch with. Each one of these definitions changes with the function, but they

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1994 Board of Directors

| | | |
|-----------------------------------|-------------------------------|------------------------|
| President | Chris Breller | KJ6ZH ... 310 866-2077 |
| Vice President | Jim Roberts | N6XTJ |
| Secretary | Carmine Fiorello. AB6KE | 837-5133 |
| Treasurer | Don Hughes | KC6ONZ 971-3448 |
| Activities | Jane Breller | KC6TAM 310 866-2077 |
| Membership | Bob Bues | KD6BWH 534-2996 |
| Publio Relations... | Bill Hall | N6EDY 546-9029 |
| Tech Committee.. | Larry Beilin | K6VDP 557-7217 |
| Member at Large .John Dawson | WA6RND | 633-7469 |
| Member at Large .Ken Konechy ... | W6HHC..... | 744-0217 |

CLUB APPOINTMENTS

| | | |
|----------------------|--------------------|-----------------------|
| Club Historian | Bob Evans | WB6IXN 543-9111 |
| W6ZE Trustee | Bob Eokweiler | AF6C 639-5074 |
| RF Editor | Cindy Hughes | KC6OPI 971-3448 |
| Refreshments | | |

DUES

| | | | |
|--|---------|---------------------------------------|------|
| Regular Member | \$12.00 | Additional Family Members \$6.00 each | |
| Teenage Member | 6.00 | Optional Club Badge | 5.00 |
| Dues for new members are prorated quarterly from January of each year. | | | |
| Family members must reside at the address of a Regular Member. One RF is sent per household. | | | |

convey the same principle, being able to get a message across in a timely manner.

Fulfilling the requirements for each function is sometimes quite a challenge. The most difficult one is for the Service Centers. These are locations that may be there for a few weeks, or a few days, then they are moved or closed. Sometimes the phone companies are able to get the lines in place for us, and other times, we have to put in a temporary line or use a tellular unit. Then because they have the home visit teams and damage assessment teams, they usually require cell phones for each of these people. Pagers are sometimes issued to the managers. Fax machines are also an important part of the communication link in the service centers. If a tellular unit is installed temporarily, the fax machine usually won't work that well. It will require many tries to get a fax to the unit, but, they can probably sent one a lot easier than receiving one.

By this time, some of you may be asking what is a tellular unit? A tellular unit is a metal box that contains about 4 cell phones in it. It can be plugged into any standard electrical wall outlet, antennae (usually 4) attached to one, and phones plugged into the jacks and you have 4 telephone lines. That is the basic explanation of what a tellular unit is. These really do work, and have been used at some of the Service Centers and at Headquarters when they moved before the phone lines were up and running properly.



How does the ham operator fit in to all of this? Usually at the beginning stage of the operation, the ham operator is called to get the communication link re-established. After a few days, or weeks, the ham operator is usually not needed anymore, unless there is a problem with a particular site, and they are usually released from assignment. The more technically experienced, or well organized

operators are asked to stay on to help with getting and keeping the phones working, and help with the paperwork. Sometimes communication workers will find that they have been transferred to a different function, or they find another function that they can work in, and help there. They usually have some form of communications with them (ham gear), and they can keep in touch with base with their own gear, or they are issued a cell phone to call in information that is needed to help the clients return to a normal life.

Depending on what your function is in a disaster, communications can have a different definition for everyone. The main idea is to be able to get your message where it needs to go.

RF

MINUTES CONT'D. FROM PAGE 1

OLD BUSINESS:
No old business.

NEW BUSINESS:

1995 CONVENTION: The 1995 ARRL Convention will held at the Queen Mary. Question was raised about O.C.A.R.C. working this convention. Club voted NO.

1997 CONVENTION: The 1997 Convention is not scheduled for a location yet. Question was rasied about O.C.A.R.C. working this convention. Club voted YES to put up seed money for this convention.

CORRECTION TO MINUTES PUBLISHED IN FEBRUARY: Keys to Mailbox. This should be keys to the Anaheim EOC and not to the Mailbox. Don does not have a key, Cindy will be keeping her key instead. Motion to approve minutes as corrected made and seconded. Minutes approved as corrected.

TREASURER'S REPORT:

\$357.64 - Checking
612.45 - Savings
\$970.09 - Total Cash

MEMBERSHIP: We now have 40 members signed up.

TRAILER COMMITTEE: Frank - WA6VKZ is not the Trailer Committee Chairperson.

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Minutes cont'd. from page 3

MR. RF - Chris, KJ6ZH, is this month's Mr. RF.

Meeting adjourned at 10:30 p.m.

Respectfully submitted,
Carmine - AB6KE

— RF —

MINUTES BOARD MEETING - MARCH 5, 1994

Meeting called to order at 9:10 a.m. All members present except, WA6RND - John, N6XTJ - Jim.

TREASURER'S REPORT:

\$603.63 Checking
612.45 Savings
\$1,216.08 Total Cash

OLD BUSINESS:

FIELD DAY: Carmine will send a letter out to Tustin Marine Air Station to ask about using the field again this year.

HAM RADIO BILLS: We still need to write QSL cards to our Senators and Representatives to help support or co-sponsor these bills.

NEW BUSINESS:

No New Business.

ORANGE COUNTY FAIR: The Orange County Fair is looking for people to help with the fair. OCARO is handling the scheduling of the Ham Radio Booth. They are looking for people, clubs to help the booth.

MEMBERSHIP: We now have over 54 members in the club.

RARE DX!!: Bob Eckweiler - AF6C, attended Board Breakfast, making him a rare Dx. Good to see you, Bob.

ACTIVITIES: Activities Chairman, Jane - KC6TAM, is planning a pizza-fest. More details soon.

TECH COMMITTEE: Tech Committee Chairman, Larry - K6VDP, reports that there has

been a TVI complaint in Anaheim Hills. We will assist in clearing up the problem.

15 METER NET: The 15 meter net is now on the air again with the return of AF6C.

TEST SESSION: Anita - AB6QQ, will be in charge of a test session at the Anaheim EOC on March 26th. Walk-ins will be accepted for this session. For more details, call Anita.

GOOD OF THE CLUB: Alex - W6RE, will be replacing his lost antenna with a G5RV.

Motion to adjourn made by Jane - KC6TAM, Seconded by Don - KC6ONZ. Meeting adjourned 9:32 a.m.

Respectfully submitted,
Carmine - AB6KE

— RF —

**Register now for the
1994 ARRL S.W. DIVISION CONVENTION
SAN DIEGO, CA AUGUST 26 - 28, 1994
TOWN & COUNTRY CONVENTION CENTER**

**SITE: TOWN & COUNTRY HOTEL & CONVENTION CENTER
500 HOTEL CIRCLE NORTH, P.O. Box 80090
SAN DIEGO, CA 92128**

**EARLY BIRD REGISTRATION \$10.00 EACH
(BEFORE MAY 15, 1994)**

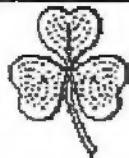
**PRE-REGISTRATION 12.00 EACH
(MAY 16 - AUGUST 10, 1994)**

**REGISTRATION & AT DOOR 15.00 EACH
(AUGUST 11 TO SHOW)**

**Saturday Night Banquet 35.00 each
Sunday DX Breakfast 18.00 each
Saturday Ladies Luncheon 21.00 each
Friday Night Harbor Cruise 55.00 each
(Bus, Dinner, Bar & Cruise)**

UNDER 16 FREE, MUST BE ACCOMPANIED BY AN ADULT

Parking is \$3.00 at Town & Country Hotel.



NET NOTES

BY BOB EVANS, WB6IXN



2/2 2m phone net - W6ZE/IXN checks in ZH & TAM, NG7D, RND, RE, QW, VDP, AZ, AB6ZF, AF6C, & XTI. Beating warranty deadline by just days, TAM gets a new transmission frm the auto dealers, While DXing ZH garners Peter One Is., 3Y0PI, near the S. Pole, and, gets a QSL card frm Penguin Is. Chris also reminds all OPs of the Club Bfast Sat.! NG7D hears the 4XZ 10.046 MHz beacon of the Israeli Navy in Haifa, picks up Transworld Radio frm Swasiland on 20m, and, 3 times a success..as John finally gets clear pix of the QRP project, and gets \$24 bk frm Circuit City on the new tape deck!

RND quizzes ZH on 10m Ringo ants. (I think!) VDP tells RND that 10m Ringos hve a rather dismal success rate since they are hard to tune. Larry will discuss antoher type of 10m ant. wid John. RE experiences problems wid ARRL propogation and wid the RTTY interface, too! Alex has isolated a defective transistor! Alex tells OPs that STS-60 is scheduled to fly tomorrow, & RE airs Newsline. QW gets the 40m QRP rig together & working..Now fer alignment! Rolf celebrates a BD soon, & Mom is coming in frm Germany come Sunday! VDP hears that vertical polarization may work better than horizontal here. Larry will experiment! IXN tells AZ abt the CalTech Terrascope, & AZ will participate in the Long Beach Marathon come Sun. Then comes additional work on the Club trailer!

2/3 40m CW net - W6ZE/RND checks in IXN, NG7D/QRP, & NT. Sigs are gd tonite and no BC interference fer once! IXN tells OPs abt a new blind thrust fault running east/west in the Beverly Hills area under LA, that might be capable of generating a near 6.0 mag. quake! And NG7D gets everything

squared away fer publication of his QRP articles. And NT is home after surgery and a couple of days in the Hosp. And RND gets a gd report frm the Docs concerning his recent bladder problems. IXN 73s to another CW net.

2/9 15m phone net - W6ZE/AF6C checks in IXN, VDP, & HHC on the side on 2m. IXN tells OPs abt destruction of W6RE's antennas in the violent tornado that touched dwn in the Tustin area! Also, JSV suffered sum damage to his trees! TL wants to organize a group to help Alex put up new ants. AF6C, still recouping frm a busy work schedule, is finishing his Christmas shopping! Bob & IXN discuss recent seismic events. VDP says a tornado touches down near his mom's house in Newport Beach! HHC checks in via 2m at W6ZE's QTH! IXN talks abt interesting ULF waves recorded before the Northridge EQ! And VDP's XYL now has permanent employment at Connors Corp....(additional house chores now, Larry?!)

2/9 2m phone net - W6ZE/IXN checks in BPX, CGR, NG7D, RE, RND, VDP, ONZ, HHC, OPI, AF6C, BWH, ESD, ZH & TAM, QW, YGW. BPX records 1.5 in. of rain frm last storm. And Wyatt falls against a chair, bruising his ribs! RE & JSV have damage frm the tornado that passed over them! Alex' Windmill tower wid 2m beam & TA-36 beam were damaged. The tower took out part of Alex' fence! JSV suffered major damage to trees in his back yard. RE will see insurance adjustors tomorrow or Fri. NG7D spotted a funnel cloud over Newport Beach abt 4:00 pm.! And John brings OPs up-to-date on his Hambrew Magazine adventures. IXN informs all that Bob, AF6C, is once agn bk on the 15m net! And AF6C invites all to join Club OPs on the 15m phone net on Wed. eves.! The storm greets CGR wid a leaking roof, and ants, ants everywhere! YGW, Joe, breaks Net to try to talk wid Mike, but CGR was on the landline or engaged elsewhere! RE wants to get rid of the windmill tower & TA-36 beam. VDP suggests that the Club pick up the beam fer use at FD! VDP, ESD, ZH & other Club

Net Notes cont.

on several freqs. using CW, phone, & satellite. ONZ & OPI hve been busy wid Red Cross ever since the Earthquakes, and now, the heavy rain which followed! OPI checks in frm LA EOC tonite! HHC wants info. on 1.2 GHz freq.

1283.500. VDP tells Ken it is a private repeater located in Palos Verdes. During recent storm, ESD elevates his dancing toes, kicks back, & watches it rain, rain rain!! TAM is still nursing her sore back, & ZH tells abt damage frm tornado near Alton & Von Carmen in Irvine. Chris has 101 countries worked, all bands, CW, fer another DXCC award! ZH worked RC emergency service on logistics after Northridge event. After QW discovers a low voltage battery, all turns out well fer the new 40m QRP rig! Now Rolf entertains his mother who is visiting frm Germany. BWH picks up NTS messages while waiting his turn on net. Bob enjoys the slow, gentle rain, not experiencing any of the tornado-like rains near the foothills!

2/10 40m CW net - W6ZE/RND checks in NG7D and IXN. NT mnst be out wid the livestock doing the chores. NG7D checks in QRP wid fine sigs. John tells us he get a free subscription to Hambrew Magazine fer his journalistic efforts! IXN tells OPs a 3. + mag. Northridge aftershock just rolled thru the QTH!..Heard on Crsytal, but not felt! And RND makes a successful satellite contact!

2/16 15m phone net - W6ZE/AF6C checks in IXN, NG7D, & XO. AF6C is on vacation this week, wid his sister visiting the QTH. IXN & family are off to Indio this weekend fer a get-together of relatives. NG7D tells AF6C abt electronics outlets fer fer parts at better prices. Bob is looking fer a 10.425 crystal! XO needs OPs fer the CA. Classic event to bve held at Palos Verdes Aug. 10 - 14..More on this at Club meeting Fri.!

2/16 2m phone net - W6ZE/IXN checks in XTJ, ZH & TAM, OPI, RND, BPX, RE, VDP, QW, BWH, NG7D, ESD, AZ, ULU, & CGR. BPX

cuts a few weeds & waits fer the rain!. While Blanche plans to get her hair done tomorrow! XTJ & IXN tell RE that rig 1 & rig 2 hve similar outputs & sound the same. ZH tells Alex that rig 2, hi-power sounds the best in Bellflower. Getting over the fm this past week, XTJ tries some trap shooting this eve.! ZH tells OPs that TAM's back is better & that Jane is out in the kitchen preparing goodies fer Club meeting Fri. eve.! ZH will tell OPs how to work satellites cheaply, while AB6KE will address those wid more expensive tastes at Club Fri. eve.! And Chris tells OPs that we will soon begin 'Mr. RF' at Club meetings once more! OPI still busies herself as a phone Secy. at the LA EOC, leaving ONZ to worry abt any RC emergencies frm the forecast rain storm in Orange County. ICOM will be at the RC meeting on Mar. 2. RND has already completed 2 QSOs on the RS-12 Satellite. Alex listens to ARRL bulletins on 18 MHz using the 40m ant. Alex estimates abt \$5,000 damage frm the recent tornado! And Alex dismantles a couple of antennas. VDP will pick up the beam ant. frm RE. Alex tells OPs that BWH will air Newsline tonite. And BWH tells OPs 33 Club members hve already paid dues! VDP & IXN didn't get a chance to check their roofs before the upcoming rain! And Larry & CGR attend a 'high winds' Fontana Swap Meet last weekend! QW has 3002 counties confirmed wid only 74 to go! And Rolf won't attend Fri. meeting. He's still entertaining his mother in frm Germany. NG7D waits fer the rain to wash off the 'Butternut'. And John garners a Portland, OR. QSO thru the RS-12! John also gets the 'twofer' rig working! And John says that WSYI will process your Form 610 for re-licensing fer \$5.00. AZ tried to move the wooden storage rack fer antennas fer the Club trailer, but it was too heavy for one person. And Bob was just outside of the tornado path that wrecked RE's ants. And AZ runs the LB Marathon 20 min. faster than last year! CGR has a few leaks in thr roof of the QTH. And Mike has fun & freezes at the Fontana Swap meet. Mike picks up sum 'oldies' radios (frm 40s & 50s), AM BC band, fer his collection.

2/17 40m CW net - W6ZE/RND checks in IXN & NT. All OPs hve great sigs tonite! RND says NG7D is probably chasing satellites tonite! IXN hears a small EQ rolling thru Crystal seismometer. All NT's

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Net Notes Cont.

'animules' love the new grass that the recent rains have sprouted. RND has been doing a gig every day this week, & has one scheduled at a new place tomorrow! IXN didn't know location of EQ tonite, but it wasn't part of the Northridge aftershocks! The incoming waves were too low in frequency!

2/23 15m phone net - W6ZE/AF6C checks in VDP & IXN. AF6C pulls jury duty. And Bob tells VDP that lower voltage on bulbs make them last longer. VDP, who has pilot lite outage in the rig, agrees wid AF6C! Anyways, IXN thinks they're all guilty 'til proven innocent!

2/23 2m phone net - W6ZE/IXN checks in ZH & TAM, NG7D, AF6C, BPX, RE, VDP, BWH, ESD, & OPI. TAM may hve to hve surgery to correct her back problem! ZH & TAM are watching the Olympics while sorting QSL cards. And Chris says 80m has been great the last two nites! NG7D busies himself working the RS-12 satellite, picking up Sun City, CA., Oregon & Hawaii. And John builds a 1/2 watt QRP rig arnd W6RE's 160m crystal! AF6C, experiencing pilot lite outage, will write an article fer 'RF' abt lower voltage vs longer pilot lite life! RE re-opens a trench after water exits the backyard to the front yard via the garage floor! Tower disassembly moves along FB, & Alex works on the insurance claims frm the tornado. RE will attempt an inverted V wid the 40, 75, & 80m ants still lying on the roof! And Alex says WA6RVS will soon be home frm the hospital. VDP has experience wid long lived displays fer industry. Larry used to work at it! BWH airs an interesting Newsline, all OPs hearing it FB! And W6ZE barely gives Bob time to finish up NTS traffic before Newsline! IXN & ESD travel east to the Palm Springs area last weekend; IXN visiting relatives in Indio, & ESD taking in a jazz contest, along wid the Bob Hope Golf Classic! OPI participates in a Coast Guard rescue when

she handles emergency traffic frm a stranded boat outside Anaheim Harbor last Mon. The victim was another ham, KD6YPY. Cindy was on duty wid the RC at the LA EOC during the mishap!

2/24 40m CW net - W6ZE/RND checks in IXN & NG7D. IXN tells RND a 'transistor' joke. RND prepares to leave net at 8:00 pm to continue watching the Olympics. And NG7D has worked six stations via the RS-12 satellite, and plans to catch the bird on its next pass in abt 2 hrs.! Me thinks John may try a WAS by satellite?!

RF

CLARA will be hosting a benefit for the CLARA Legal Defense Fund on March 27, 4:00 - 8:00 p.m. at the Coach House in San Juan Capistrano.

Festivities will start at 4:00 p.m. At 6:00 a buffet dinner will be available for purchase. From 6:00 - 8:00 p.m. there will be dancing to the Big Band sound. Donation is suggested at \$5.00 with all proceeds going to the Legal Defense Fund.

ALL INTERESTED AMATEURS ARE INVITED.
BRING YOUR FRIENDS.

RF

CLUB NETS

| Band | Mode | Day | Local Time | Freq. mHz | Net Control |
|--------------------------------|------|---------------------|------------|-----------------|-------------|
| 15 Meters | SSB | Wed. | 8:00pm | 21.375* | AF6C |
| 2 Meters | FM | Wed. | 8:30pm | 146.550 simplex | WB6IXN |
| 40 Meters | CW | Thurs. | 7:30pm | 7.135* | WA6RND |
| (Listen for W6ZE, Net Control) | | * Plus or minus QRM | | | |

GENERAL MEETING

MARCH 18

APRIL 15

MAY 20

GENERAL MEETING IS THE 3rd FRIDAY OF EACH MONTH AT 7:30 PM.
ANAHEIM EMERGENCY OPERATIONS CENTER

909 E. Vermont, Anaheim, CA Talk-in Freq. 146.550 simp
West of 2nd set of railroad tracks.

A big antenna is in front of building with a red light on top.
Major Streets: Vermont & Anaheim Blvd.

BOARD BREAKFAST

APRIL 2

MAY 7

JUNE 4

BOARD MEETING IS THE 1st SATURDAY OF EACH MONTH AT 8:00 AM.
Denny's Restaurant -- Members & Visitors are welcome.

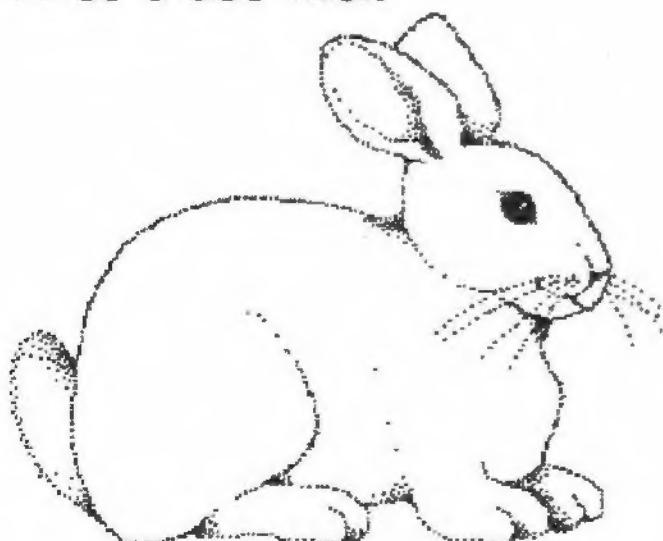
2314 E. 17th Street, Santa Ana, CA (714) 543-0872

Exit the 55 freeway at 17th Street, go west. On south side of the
street.

ORANGE COUNTY AMATEUR RADIO CLUB, INC.
P.O. Box 3454
TUSTIN, CA 92681



First Class Mail



Time-Dated Material.
Please Rush!